



**TROPICAL CYCLONE BULLETIN NO. 16**  
**Typhoon EGAY (DOKSURI)**

Issued at 2:00 AM, 25 July 2023

Valid for broadcast until the next bulletin at 5:00 AM today.

**EGAY CONTINUES TO MOVE NORTHWESTWARD WHILE MAINTAINING STRENGTH.**

**Location of Center (1:00 AM)**

The center of the eye of Typhoon EGAY was estimated based on all available data including those from Daet Doppler Weather Radar at **335 km East Northeast of Casiguran, Aurora (16.9°N, 125.2°E)**

**Intensity**

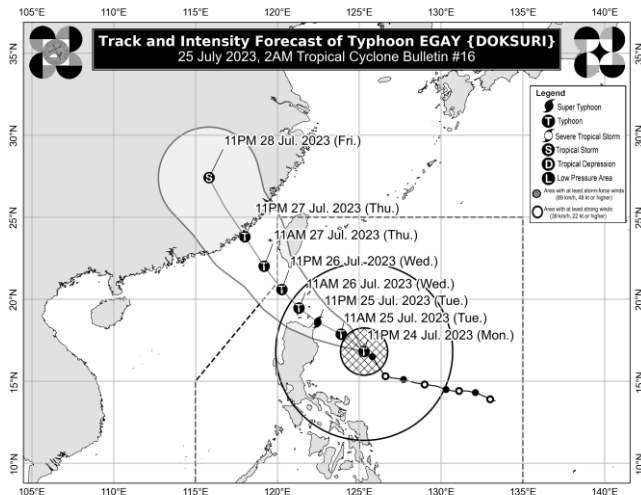
Maximum sustained winds of **165 km/h** near the center, gustiness of up to **205 km/h**, and central pressure of **935 hPa**

**Present Movement**

**Northwestward at 20 km/h**


**Extent of Tropical Cyclone Winds**


**Strong to typhoon-force winds** extend outwards up to **600 km** from the center



**TRACK AND INTENSITY FORECAST**

| Date and Time                                       | Center Position |           |   | Intensity  |      | Movement dir. and speed (km/h) |
|---|-----------------|-----------|---|------------|------|--------------------------------|
|   | Lat. (°N)       | Lon. (°E) | Location  | MSW (km/h) | Cat. |                                |
| <b>12-Hour Forecast</b><br>11:00 AM<br>25 July 2023 | 17.9            | 123.9     | 230 km East of Tuguegarao City, Cagayan   | 175        | TY   | NW 15                          |
| <b>24-Hour Forecast</b><br>11:00 PM<br>25 July 2023 | 18.6            | 122.5     | Over the coastal waters of Santa Ana, Cagayan   | 185        | STY  | WNW 15                         |
| <b>36-Hour Forecast</b><br>11:00 AM<br>26 July 2023 | 19.5            | 121.3     | Over the coastal waters of Calayan, Cagayan   | 175        | TY   | NW 15                          |
| <b>48-Hour Forecast</b><br>11:00 PM<br>26 July 2023 | 20.6            | 120.3     | 160 km West of Itbayat, Batanes   | 165        | TY   | NW 15                          |
| <b>60-Hour Forecast</b><br>11:00 AM<br>27 July 2023 | 22.0            | 119.2     | 305 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)                                       | 155        | TY   | NW 15                          |
| <b>72-Hour Forecast</b><br>11:00 PM<br>27 July 2023 | 23.8            | 118.0     | 520 km Northwest of Itbayat, Batanes (OUTSIDE PAR)  | 150        | TY   | NNW 20                         |
| <b>96-Hour Forecast</b><br>11:00 PM<br>28 July 2023 | 27.4            | 115.8     | 960 km Northwest of Extreme Northern Luzon or in the vicinity of Jiangxi, China (OUTSIDE PAR) | 65         | TS   | NNW 20                         |

Prepared by:   
 PCDM

Checked by:   
 RPG



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| TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT       |  |   |          |
|--|--|---|----------|
| TCWS No.   | Luzon  | Visayas   | Mindanao |
| <b>3</b><br>Wind threat:<br><b>Storm-force winds</b> | <b>Babuyan Islands, the northern and eastern portions of mainland Cagayan</b> (Santa Ana, Gonzaga, Peñablanca, Gattaran, Lal-Lo, Alcala, Santa Teresita, Buguey, Aparri, Camalaniugan, Ballesteros, Allacapan, Abulug, Claveria, Pamplona, Sanchez-Mira, Santa Praxedes, Lasam, Baggao, Amulung, Iguig), <b>the northeastern portion of Isabela</b> (Divilacan, Maconacon, Palanan), and <b>the northern portion of Apayao</b> (Calanasan, Luna, Santa Marcela, Flora, Pudtol) |   |          |
|  | Warning lead time: <b>18 hours</b><br>Range of wind speeds: <b>89 to 117 km/h (Beaufort 10 to 11)</b><br>Potential impacts of winds: <b>Moderate to significant threat to life and property</b>  |   |          |
| <b>2</b><br>Wind threat:<br><b>Gale-force winds</b>  | <b>Batanes, the rest of mainland Cagayan, the rest of Isabela, Quirino, the northern portion of Nueva Vizcaya</b> (Kasibu, Quezon, Diadi, Bagabag, Ambaguio, Villaverde, Solano, Bayombong), <b>the rest of Apayao, Kalinga, Abra, Mountain Province, Ifugao, the northern portion of Benguet</b> (Bakun, Mankayan, Buguias, Kabayan, Kibungan), <b>Ilocos Norte, Ilocos Sur, and the northern and central portion of Aurora</b> (Dilasag, Casiguran, Dinalungan, Dipaculao)   | -   | -        |
|  | Warning lead time: <b>24 hours</b><br>Range of wind speeds: <b>62 to 88 km/h (Beaufort 8 to 9)</b><br>Potential impacts of winds: <b>Minor to moderate threat to life and property</b>   |   |          |
| <b>1</b><br>Wind threat:<br><b>Strong winds</b>      | <b>La Union, Pangasinan, the rest of Benguet, the rest of Nueva Vizcaya, the rest of Aurora, Zambales, Bataan, Nueva Ecija, Tarlac, Pampanga, Bulacan, Metro Manila, Rizal, Laguna, Cavite, Batangas, Quezon, Marinduque, the central and eastern portions of Romblon</b> (Banton, Corcuera, Romblon, Magdiwang, Cajidiocan, San Fernando), <b>Camarines Norte, Camarines Sur, Catanduanes, Albay, Sorsogon, and Masbate</b>   | <b>Northern Samar, the northern and central portions of Samar</b> (Almagro, Tagapul-An, Santo Niño, Daram, Zumarraga, Villareal, Talalora, Hinabangan, Calbiga, Pinabacdao, Paranas, Motiong, San Sebastian, Jiabong, City of Catbalogan, San Jose de Buan, Matuguinao, San Jorge, Tarangnan, Gandara, Pagsanghan, Santa Margarita, Calbayog City), <b>the northern and central portions of Eastern Samar</b> (City of Borongan, San Julian, Sulat, Taft, Can-Avid, Oras, Arteche, Jipapad, Dolores, San Policarpo, Maslog), and <b>Biliran</b> | -        |
|  | Warning lead time: <b>36 hours</b><br>Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b><br>Potential impacts of winds: <b>Minimal to minor threat to life and property</b>  |   |          |



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**HAZARDS AFFECTING LAND AREAS**

**Heavy Rainfall Outlook**

**Forecast accumulated rainfall today**

- **100-200 mm:** The northeastern portion of mainland Cagayan
- **50-100 mm:** Batanes, Babuyan Islands, the rest of mainland Cagayan, Isabela, Apayao, Abra, Ilocos Norte, Ilocos Sur, La Union, Catanduanes, Camarines Norte, Camarines Sur, Albay

**Forecast accumulated rainfall tomorrow**

- **Above 200 mm:** Batanes, Babuyan Islands, the northeastern portion of mainland Cagayan, Ilocos Norte, Ilocos Sur, Apayao, and Abra.
- **100-200 mm:** The rest of Cagayan, the western portion of Kalinga, the western portion of Mountain Province, the western portion of Benguet, La Union, and the northwestern portion of Pangasinan
- **50-100 mm:** The northern portion of Isabela, the rest of Kalinga, the rest of Mountain Province, the rest of Benguet, the western portion of Ifugao, and the rest of Pangasinan.

**Forecast accumulated rainfall on Thursday**

- **50-100 mm:** Batanes

**Forecast rainfall are generally higher in elevated or mountainous areas.** Under these conditions, **flooding and rain-induced landslides are highly likely** especially in areas that are highly or very highly susceptible to these hazards as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

The Southwest Monsoon enhanced by EGAY will continue to bring occasional to monsoon rains over the western portions of Central Luzon, Southern Luzon, and Visayas in the next three days. For more information, refer to **Weather Advisory #5 for Southwest Monsoon** issued at 11:00 PM yesterday.

**Severe Winds**

Moderate to significant impacts from storm-force winds may be experienced within the areas under Wind Signal No. 3. Minor to moderate impacts from gale-force winds are possible within any of the areas where Wind Signal No. 2 is in effect. Minimal to minor impacts from strong winds are also possible within any of the areas where Wind Signal No.1 is hoisted. **Current forecast scenario shows that the highest wind signal that may be hoisted will be Wind Signal No. 4 or 5 (e.g., typhoon-force wind threat).**

The wind signals warn the public of the general wind threat over an area due to the tropical cyclone. Local winds may be slightly stronger/enhanced in coastal and upland/mountainous areas exposed to winds. Winds are less strong in areas sheltered from the prevailing wind direction.

**EGAY and the enhanced Southwest Monsoon** will continue to bring gusty conditions over the following areas not under any Wind Signal, especially in coastal and upland/mountainous areas exposed to winds:

- **Today:** Luzon, Visayas, Zamboanga Peninsula, Basilan, Sulu, Tawi-Tawi, and the northern portions of Northern Mindanao and Caraga.
- **Tomorrow:** Luzon, Visayas, and Zamboanga Peninsula
- **Thursday:** Luzon and Western Visayas

**Coastal Inundation**

There is a **high risk of storm surge** which may cause **flooding in the low-lying and exposed coastal areas** of Batanes, Cagayan including Babuyan Islands, Isabela, and Ilocos Norte. Maximum surge heights may exceed 3.0 m in some of the warning areas. **For more information refer to Storm Surge Warning #4 issued at 11:00 PM yesterday.**



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**HAZARDS AFFECTING COASTAL WATERS**

Under the influence of EGAY, a **Gale Warning is in effect** over several coastal waters along the seaboard of Northern Luzon, Southern Luzon, and Visayas and eastern seaboard of Central Luzon and Northeastern Mindanao.

**Rough to very rough seas:** Sea travel is risky for small seacrafts. For larger vessels, operating in gale conditions requires experience and properly equipped vessels. Mariners without proper experience or operating ill-equipped vessels are advised to remain in port or seek safe harbor.

For more information, refer to Gale Warning #4 issued at 5:00 PM yesterday.

**In the next 24 hours,** EGAY will also bring **moderate to rough seas (2.0 to 3.5 m)** over the coastal waters outside the Gale Warning area along the western, northern and eastern seaboard of Mindanao. Mariners of small seacrafts are advised to take precautionary measures when venturing over these waters. If inexperienced or operating ill-equipped vessels, avoid navigating in these conditions.

**TRACK AND INTENSITY OUTLOOK**

- EGAY is forecast to move northwestward in the next 12 hours before turning generally west northwestward and cross the Luzon Strait. On the track forecast, this typhoon is forecast to make landfall or pass very close to Babuyan Islands between tomorrow early morning and tomorrow afternoon. **Slight northward or southward shift in this segment of the track (but within the forecast confidence cone) may result in a landfall or close approach over northern mainland Cagayan or Batanes.**
- After passing the Babuyan Islands, EGAY will turn northwestward or north northwestward and pass over the waters south of Taiwan. It is forecast to exit the Philippine Area of Responsibility tomorrow evening or on Thursday morning. Outside the PAR region, EGAY will cross the Taiwan Strait and make landfall in the vicinity of Fujian, China on Thursday evening or Friday morning.
- EGAY is forecast to continue intensifying and reach super typhoon category within 24 hours. However, should the track forecast shift closer to the landmass of Luzon, the typhoon may peak at an intensity just below STY threshold. A weakening trend may begin as the typhoon passes over the Babuyan Islands due to the potential onset of eyewall replacement cycle and interaction with the rugged terrain of Northern Luzon. Further weakening is expected outside the PAR region due to increasingly unfavorable environment and the eventual landfall over the landmass of China.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM today.

**DOST-PAGASA**

Prepared by:  PCDM

Checked by:  RPG